

METHOD AND SYSTEM FOR TRANSMITTING TRAFFIC IN A
VIRTUAL TUNNEL OF A TRANSMISSION LINE

ABSTRACT OF THE DISCLOSURE

A network element for a telecommunications network includes a port for connection to a transmission line of the telecommunications network. A plurality of transmission line interfaces each include a scheduler to transmit traffic in port transmission slots allocated to the transmission line interface. An interface controller is stored in a storage medium of the network element. The interface controller is operable to selectively couple at least two transmission line interfaces to the port and to allocate a disparate portion of port transmission slots to each of the transmission line interfaces coupled to the port.